

Diagnosis

HUNGARY

VALLO, Jozsef, Dr, physician-major; [affiliation not given].

"Diagnostic Difficulties in Iron-Deficiency Diseases"

Budapest, Honvedorvos, Vol XVIII, No 3, Jul-Sep 66, pages 205-208.

Abstract: [Author's Hungarian summary] On the basis of clinical experiences, some examples are cited to demonstrate the diagnostic problems of iron-deficiency diseases in the form of carditis, neurosis, abdominal complaints and neuro-endocrine disturbances. In conclusion, the faulty practices in iron therapy are evaluated. 1 Hungarian, 3 Western references.

1/1

VALLO K.

Obshchaya geografiya morey (General Geography of Seas) Translated by L. P. Potemkin.
Edited by N. N. Zubov. Uchpedgiz, Moscow-Leningrad, 1948, 492 pages

SO: U-3032, 11 Mar 1953

WEISMANN, Ludovit; VALLO, Vladimir

Migration of the slate forms of the fundatrigenic populations of
the pea louse Aphis fabae (Scop.) in relation to weather conditions.
In German. Biologia 15 no.10:738-746 '60. (EEAI 10:7)

1. Laboratorium fur Pflanzenschutz der Tschechoslowakischen
Akademie der Landwirtschaftlichen Wissenschaften, Ivanka pri Dunaji.
(PEA LOUSE)

VALMARU, N.

VALMARU, N.

Workers needed. Vsem.prof.dvizh. no.9:19 S'55. (MIRA 8:11)
(Romania--Labor and laboring classes)

MARGUS, M.; VAINET, A.; VEERMETS, K.; RALET, E., red.; LUMET, E.,
tekhn. red.

[Russian-Estonian silvicultural dictionary]Metsandulik vene-
eesti sonastik. Tallinn, Eesti Riiklik Kirjastus, 1962. 78 p.
(MIRA 15:10)

(Forests and forestry--Dictionaries)
(Russian language--Dictionaries--Estonian)

VAL'MET, R.A. [Valmet, R.]; VAASK, A.E.

Substituting rubber for bronze bushings in the supporting bearings
of frame drums. Kozh.-obuv.prom. 7 no.3:31 Mr '65.

(MIRA 18:10)

VAL'MET, R.A. [Valmet, R.]; VAASK, A.E.

Substituting rubber for bronze bushings in the supporting bearings
of frame drums. Kozh.-obuv.prom. 7 no.3:31 Mr '65.

(MIRA 18:10)

USSR/Human and Animal Physiology - The Effect of Physical Factors. T
Ionizing Radiation.

Abs Jour : Ref Zhur Biol., No 3, 1959, 13379
Author : Valmukhanov, S.B.
Inst : Kazakh Medical Institute
Title : Data on Pathogenesis of Acute Radiation Sickness
Orig Pub : Tr. Kafedry rentgenol., i radiol. Kazakhsk. med.
in-t, 1958, vyp. I, 5-26

Abstract : No abstract.

Card 1/1

VAL'NEV, P.YE.

USSR/Physical Chemistry - Surface Phenomena. Adsorption.
Chromatography. Ion Exchange

B-13

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3996

Author : Val'nev P.Ye.

Title : Photodesorption and Photodissociation of Molecules
Adsorbed by Metals

Orig Pub : Zh. fiz. khimii, 1956, 30, No 6, 1308-1315

Abstract : An instrument has been designed for the study by the manometric method of desorption of gases from metal layers

due to action of light. Desorption of gases from the metal layers in the vacuum space by the action of light can take place as a result of ancillary processes (heating of the surface and bombardment of layer with photoelectrons) as well as due to a direct action of light on the adsorbed molecules. A study is made of the behavior of different gases and vapors adsorbed at Cd, Zn, Bi, Sb, Ni, on illumination. It is shown that in the case of the systems

VAL'NEV, P. Ye., assistant.

Use of the manometric method in the study of photoprocesses in
a layer of adsorbed gas. Nauch. biul. Len.un. no.23:10-13 '49.

(MLRA 10:4)

1. Fizicheskiy institut Leningradskogo ordena Lenina Gosudarstven-
nogo universiteta.

(Manometer) (Light) (Adsorption)

VAL'NEV, P.Ye.

Photodesorption and photodissociation of molecules adsorbed by
metals. Zhur.fiz.khim. 30 no.6:1308-1315 Je '56. (MLRA 9:10)

1. Leningradskiy gosudarstvennyy universitet imeni A.A. Zhdanova.
(Photochemistry) (Molecules) (Metals)

VAL'NEVA, Ye.S.; SHIRYAK, E.Ye.

Some results of the compound treatment of patients in the
recovery period of poliomyelitis. Kaz. med. zhur. 4&48-49 Jl.-Ag'63
(MIRA 17:2)

1. Kazanskiy detskiy sanatoriy etapnogo lecheniya poliomiyelita
(glavnyy vrach - K.K.Botalova, nauchnyy rukovoditel' - prof.
L.I.Shulutko).

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CIA-RDP86-00513R001858510010-2

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858510010-2

VALNICKER, B.

✓ 11-161
Leptin Basic Excretions
and Urine Urine

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858510010-2"

SHIMPEK, S.

"Chromospheric Eruptions and The Weather." S. M. (Budapest
Astronomical Institute, Cheljabinsk). Abstracts of The
Astronomical Institute of Cheljabinsk. Vol. 4, No. 1,
April. 1953, Pravda.)

SG: Monthly List of East European Acquisitions, Library of Congress, March 1954, Unci.

VILMÍČEK, B.

"Chromospheric Eruptions And The Weather." p. 27. (Biulleten
Astronomicheskikh Institutov Českoslovakií. Bulletin Of The
Astronomical Institutes Of Czechoslovakia. Vol. 4, No. 4, July
1953, Praha.)

Vol. 3, No. 3.

SO: Monthly List of East European Acquisitions, /Library of Congress, March 1954, Uncl.

VALNICEK, ³

"Chromospheric Eruptions and the Weather." p. 179. (Biulleten Astronomicheskikh
Institutov Chekhoslovakii. Bulletin of the Astronomical Institutes of Czechoslovakia.
Vol. 4, no. 6, Dec. 1953. Praha).

SO: Monthly List of Russian Accessions, ^{East European} Vol. 3, No. 6
Library of Congress, June ¹⁹⁵³, ⁴ Uncl.

VALNICEK, B.

Methods for observing the solar corona except at the time of eclipse. p. 1.
(CASOPIS CESKOSLOVENSKYCH USTAVU ASTRONOMICKYCH, Vol. 7, No. 1, 1957, Praha,
Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

VALNICEK, B.

"Some changes in the design of a Czechoslovak recording microdensitometer."

JEMNA MECHANIKA A OPTIKA. Praha, Czechoslovakia, Vol. 4, May 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, September 1959.
Unclassified.

Valnicek, b., and others.

The flare spectrograph at Ondrejov. in English. p. 149.

BUJULETEN ASTRONOMICHESKIKH INSTITUTOV CHEKHOVSKOYAKII. Bulletin of the astronomical
institutes of Czechoslovakia., Praha, Czechoslovakia, Vol. 10, no. 5, Sept. 1959.

Monthly List of East European Accessions, (EEAI) LC, Vol. 8, no. 10, 1959. -Oct.
Uncle.

PLATE I BOOK EXPLOITATION

CZECH/5216

Božidánek, I. vydávají vydavatelství (Into the Near and Distant Universe)
Prague, Orbis, 1960. 10,000 copies printed.

Authors: Milan Blaha, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Andrej Býroň, Engineer, Jan Bukovský, Professor, D.C.-A. Václav Bumba, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Zdeněk Čapek, Candidate of Physics and Mathematics. Josef Dvořák, Doctor of Medicine. Vladimír Čech, Doctor of Natural Sciences, Corresponding Member of the Slovák Academy of Sciences, Doctor of Physics and Mathematics. Josef Čížek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Josef Horváth, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Luboš Ferkák, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Miroslav Flášek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Jaroslav Ruprecht, Candidate of Physics and Mathematics. Josef Sadil. Ladislav Šenkal, Candidate of Physics and Mathematics. Josef Sadil.

Card 27/PA-

and Mathematics. Zdeněk Štefánka, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Bohumil Šulc, Doctor of Natural Sciences and Vladimír Várynek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Ed.: Josef Sadil.

PURPOSE: This book is intended for the general reader interested in astronomy, celestial mechanics, and astrophysics.

CONTENTS: The book presents in popular language and in summary form the most important achievements of science to date in the field of astronomy, celestial mechanics, and astrophysics, and notes the importance of continued progress in these disciplines for space travel to the moon and in our solar system, and ultimately to the nearest stars and galaxies. In the section headed "About the Authors" the degrees and titles, affiliations and scientific contributions of each author are given. The text is accompanied by many diagrams, graphs, and tabular data. There are 31 photographs of various celestial bodies. No personalities

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are mentioned. There are 29 references, all Czech (several translations).

TABLE OF CONTENTS:

THE NEAR UNIVERSE

1. The Moon - The Nearest Cosmic Body	7
Size and density of the moon	7
Orbit of the moon around the earth	8
Phases of the moon	9
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Card 27/PA-

RUZICKOVA, B.; TREMKO, J.; VALNICEK, B., dr.

Measurement of spectral sensitivity of photoelectric multipliers.
Jemna mech opt 5 no.2:59-61 F '60.

1. AU, Ceskoslovenska akademie ved, Undrejov (for Ruzickova and Valnicek). 2. AU, Slovenska akademia vied, Skalnate Pleso (for Tremko).

VALNICEK, B.

Solc's birefringent filter with a great number of plates. Jemna
mech opt 6 no.1:18-19 Ja '61.

1. Astronomicky ustav, Ceskoslovenska akademie ved, observator
Ondrejov.

VALNICEK, B. fr.

Choice of polarizers for monochromatic birefringent filters. Jezma
mech opt 6 no. 9268-269 S '61.

1. Astronomicky ustav, Ceskoslovenska akademie ved, Ondrejov.

S/269/63/000/001/020/032
A001/A101

AUTHOR: Valniček, B.

TITLE: Motion effects in chromospheric flares

PERIODICAL: Referativnyy zhurnal, Astronomiya, no. 1, 1963, 62,
abstract 1.51.416 ("Byul astron. in-tov Chekhoslovakii", 1961,
v. 12, no. 6, 237 - 244, English; Russian summary)

TEXT: Flares subjected to variations reveal three ranges of velocities of
changes: ~ 10 km/sec, $\sim 100 - 150$ km/sec and $\sim 1,000$ km/sec. Flares occur also
from which the "momentum" of flare propagates with a speed of $\sim 1,000 - 2,000$ km/sec.
The intensity maximum of the main centers coincides with the time interval during
which the flare extends and new centers are formed. Intensity of these new centers
is less than intensity of the main centers. It can be supposed that in these cases
there are fluxes of slow particles emitted from the seat of the initial flare
and exciting emission in more distant regions or activating additional formations.
Flares with a characteristic division into two parts were discovered in regions
of lower activity, and one part remains at its spot while the other recedes with

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Motion effects in chromospheric flares

S/269/63/000/001/020/032
A001/A101

a velocity of a few km/sec. In this latter part occur "knots" moving at velocities exceeding 100 km/sec. The maximum of their velocity coincides with the intensity maximum. It is concluded that a flare develops in a plane where there is no strong magnetic field preventing the flare development. However, where a magnetic field is sufficient for creating conditions of flare origination, it is still insufficient for confining the flare within a closed region. The flare of July 27, 1959, observed in a very active region, was analyzed; it had a characteristic double structure but, in distinction from other flares of this type, was asymmetrical and without side motions; the analysis leads to a hypothesis that asymmetry is related to configuration of the entire active region and to the location of the flare in the magnetic field of the group. This conclusion is also confirmed by the course of changes in the line width during the flare of August 31, 1956, when it was noticed that asymmetry is observed only after termination of large changes of motion. A comparison with the typical case of asymmetrical flare located within a large group with considerable magnetic fields, which occurred on April 1, 1960, shows that the hypothesis on the nature of asymmetry origin is fully substantiated. There are 13 references.

[Abstracter's note: Complete translation]
Card 2/2

From author's summary

Z/048/62/000/005/003/003
D291/D302

AUTHOR: Valn̄íček, Boris, Doctor of Natural Sciences, Candidate
of Sciences

TITLE: Solar research in Ondřejov

PERIODICAL: Věda a technika mládeži, no. 5, 1962, 160-163

TEXT: The article describes briefly solar research conducted at the Astronomický Ústav ČSAV (Astronomical Institute of the Czechoslovak AS) in Ondřejov near Prague, and lists instruments used for this purpose. A very general description is given of the sun and solar activities which are commonly observed such as chromospheric eruptions, protuberances etc., as well as a description of instruments employed in solar research such as telescopes and spectrographs. The Ondřejov Observatory is equipped with a radiotelescope and the latest type solar spectrograph. With the aid of this instrument one can simultaneously obtain an image in seven spectral ranges. Due to the high degree of automation, only exposure times and intervals between the images have to be set. There are

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Z/048/62/000/005/003/003
D291/D302

Solar research ...

12 figures.

ASSOCIATION: Observator Ondrejov (Ondrejov Observatory)

Card 2/2

VALNICEK, B.

Escape of matter from chromosphere and active regions. Biul
str Cz 15 no.6:207-210 '64.

1. Astronomical Institute of the Czechoslovak Academy of Sciences,
Ondrejov.

400
L 41519-65 ARG/EEO-2/ENG(j)/ENT(d)/FRD/FSS-2/ENG(r)/ENT(1)/FBO/EMP(e)/EMP(e)/
ENT(m)/FS(v)-3/EPF(c)/EFC(k)-2/EN(a)-2/EP(i)/EP(f)/ENG(v)/EMP(c)/EMP(v)/MA(1)/
EPR/EMP(j)/T-2/ENG(a)-2/EP(h)/EPA(bb)-2/EFC(c)-2/EED-2/ENG(c)/FCS(k)/EMP(b)/
AM/45110 Pl-4/Pn-4/Pn-4/ BUCK EXPLOITATION Pl-4/Fn-4/Pn-2/Pn-4/Pn-4/4/163
Po-4/Pe-5/Pn-4/Pn-4/Fr-4 IJP(c) AST/TT/EI/DD/PE/CH/EC/B
Barvir, Miroslav, (Engineer); Eences, Konrad, (Professor, Doctor); Bouska, Jiri, (Doctor);
Bulil, Ivo, (Graduate In Philosophy); Cepelcha, Zdenek, (Candidate of Physical and Mathematical Sciences); Cech, Milen, (Doctor); Dolezal, Vladimir, (Doctor); Dvorak, Antonin, (Candidate of Medical Sciences); Dvorak, Josef, (Doctor); Guth, Vladimir, (Candidate of Medical Sciences, Docent, Doctor); Horak, Zdenek, (Doctor of Physical and Mathematical Sciences, Corresponding Member of the Czechoslovak Academy of Sciences, Professor, Doctor); Hesopdar, Jan, (Doctor of Physical and Mathematical Sciences, Doctor); Kleczek, Josip, (Doctor); Klest, Mil, (Candidate of Physical and Mathematical Sciences); Kolodovsny, Milen; Kormil, Vladimir (Doctor); Kopecky, Miloslav, (Candidate of Legal Sciences); Krivsky, Ladislav, (Candidate of Physical and Mathematical Sciences); Kviz, Zdenek, (Candidate of Physical and Mathematical Sciences); Ledvina, Milen, (Engineer); Halcik, Vladimir, (Doctor); Moravec, Milen, (Candidate of Medical Sciences); Mrazek, Jaroslav, (Candidate of Medical Sciences, Engineer); Mrazek, Jiri, (Candidate of Technical Sciences); Neuzil, Ludek, (Doctor); Novotny, Zdenek, (Candidate of Physical and Mathematical Sciences); Novotny, Zdenek, (Doctor); Pernagr, Jaroslav, (Doctor); Candidate of Physical and Mathematical Sciences; Pesek, Rudolf, Professor, Doctor, Engineer); Pipil, Miloslav, (Doctor of Technical Sciences, Corresponding Member, of the Czechoslovak Academy of Sciences); Plavec, Miroslav, (Doctor); Pokorny, Zdenek, (Candidate of Physical and Mathematical Sciences, Docent, Doctor);
Card 1/0
2

L 41519-65
A44045110

14

Ruml, Vladimir, (Candidate of Medical Sciences, Doctor); Sadil, Josef, (Doctor of Physiological Sciences); Schnal, Ladislav; Stverak, Jiri, (Doctor); Svetlik, Zdenek, (Doctor); Tuma, Jaroslav, (Candidate of Physical and Mathematical Sciences, Doctor); Tyrk, Vclav, (Docent, Engineer); Ulehla, Ivan, (Candidate of Technical Sciences, Professor, Doctor); Valnicek, Boris, (Candidate of Physical and Mathematical Sciences, Doctor); Vanysek, Vladimir, (Candidate of Physical and Mathematical Sciences, Docent, Doctor); Vlasak, Marian, (Candidate of Physical and Mathematical Sciences; Doctor); Yoda, Miloslav, (Engineer)

Principles of astronautics (Zaklady kosmonautiky) Prague, Orbis, 1964. 445 p. illus., biblio. 5000 copies printed.

TOPIC TAGS: cosmonautics, rocket, satellite, space flight, missile

PURPOSE AND COVERAGE: This publication is a popular scientific reference book for people working in cosmonautics. The book presents a survey of cosmonautics and space flight up to 1 June 1963.

TABLE OF CONTENTS:

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"APPROVED FOR RELEASE: 08/31/2001

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APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858510010-2"

L 46815-66

ACC NR: AT6020499

SOURCE CODE: CZ/2514/65/000/051/0062/0068

48
38
B4/

AUTHOR: Valniecek, Boris

ORG: Astronomical Institute of the Czechoslovak Academy of Sciences, Observatory
Ondrejov

TITLE: Czechoslovak monochromatic filters for chromosphere observations

V8

SOURCE: Ceskoslovenska akademie ved. Astronomicky ustav. Publikace, no. 51,
1965. 3rd Consultation on Solar Physics and Hydromagnetics, Tatranska Lomnica,
13-16 October 1964, 62-68TOPIC TAGS: monochromatic filter, solar disk, coronograph, chromosphere,
optic glass, birefringent filter, optic filter, quartz, spar, /Lyot-Ohman birefringent
filter, Solc-type birefringent filterABSTRACT: The author discusses the construction of three birefringent filters.
Filter 1, a Lyot-Ohman-type filter was completed in 1961 and serves for current
observations of the chromosphere over the entire solar disk. Its parameters do not

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111-56710-36
ACC NR: AT6020499

2

differ essentially from those of the filters produced by the Societe Optique et Precision Lavallois in France. Filter 2, a new and more economical version of the Lyot-Ohman filter, was made for the coronograph on Mt. Lomnicki Stit, where a birefringent filter was needed for observation of prominences. Filter 3, a Solc-type filter, was made for the Geophysical Institute to carry out chromospheric observations. The main advantage of this instrument is that it has few polarization elements. The author wishes to thank especially J. Kottler and the other members of the glass grinding workshop of the Institute of Mineralogy for the careful execution of the extremely delicate cuts ground for the birefringent filter. In the discussion following the article, the author gives additional details on the structure of filter 1. He expresses his doubts concerning the practical possibility of reducing the temperature sensitivity of Lyot-Ohman filters by splitting each element into two parts, each made of a different material, spar and quartz for instance. He also gives approximative figures on the cost of filters 1 and 2, which at present is prohibitively high. Information on the subject may be obtained by writing to the institute. Orig. art. has: 6 figures.

[GC]

SUB CODE: 03,08,17/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001/

Card 2/2 LC

L 31485-66 FCC GW
ACC NR: AP6023109

SOURCE CODE: CZ/0085/65/000/006/0176/0176

AUTHOR: Valnicek, Boris

ORG: Astronomical Institute, Prague (Astronom. Ustav CSAV)

TITLE: Eighty year period of sun activity and winter temperatures in Prague

SOURCE: Meteorologicke zpravy, no. 6, 1965, 176

TOPIC TAGS: sun, atmospheric temperature, long range weather forecasting, weather station, climatic condition

ABSTRACT: The Prague meteorological station started weather recordings in 1752, and data since 1775 are available. The influence of sun activity upon the warm winters in 1820 and 1910 is discussed. The 11 year period of sun activity does not seem to influence the weather; however the long-term rhythm of the activity of the sun does influence the weather. The 80-100 year cycle of sun activity influences the curve of winter temperatures in Prague. It appears that at the present time there is a period of cold winters, and that this should last for another 20-30 years. At the end of this century, or the beginning of the next the winters will be mild. There is some indication that the weather is a function of a 400 year period. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 04 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 002

Card 1/1 mc

UDC: 551.583 2 : 551.521 11 : 551.524
0915

VALNICEK, J.

CZECHOSLOVAKIA/Cultivated Plants. Medicinal Plants. Essential Oil Plants. Poisonous Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1953, 77940.

Author : Valnicek Jan

Inst :

Title : Cultivation and Grafting of Cactus Seedlings.

Orig Pub: Ziva, 1957, 5, No 3, 98-99.

Abstract: No abstract.

Card : 1/1

170

CZECHOSLOVAKIA / Cultivated Plants. Ornamental Plants. M-10

Abs Jour: Ref Zhur-Biol., 1958, No 15, 73264.

Author : Valnicek, Jan.

Inst : Not given.

Title : Wintering of Cacti and Spring Activities.

Orig Pub: Ziva, 1957, 5, No 5, 181-182.

Abstract: It is recommended to set cacti outside as long as night frosts are not a threat. From the middle of September, water dosage should be reduced and, in October, watering should be stopped. In this way, growth of the cactus ceases, the tissue ripens, is strengthened and hardened to the cold air. As a result, normal wintering of the cacti can be assured. In the article, the so-called method of "dry wintering" of cacti is also described. -- Ya. M. Ginevskiy.

Card 1/1

ANDRYSEK, O.; ANDRYSKOVA, J.; BENDL, J.; BLEKTA, M.; HRADCOVA, L.; CHYTIL, M.;
ORT, M.; RASKA, B.; VALNICEK, J.

Isotope examination methods of the uropoietic system in pediatrics
and obstetrics. Acta univ. Carol. [med] (Praha): Suppl. 18: 41-44
'64.

I. Biofysikalni ustav fakulty vseobecneho lekarstvi University
Karlovych v Praze (prednosta: doc. dr. Z. Dienstbier); II. gyneko-
logicko-porodnicka klinika fakulty vseobecneho lekarstvi Univer-
sity Karlovych v Praze (prednosta: prof. dr. J. Lukas); III. interni
klinika fakulty vseobecneho lekarstvi University Karlovych v Praze
(prednosta: prof. dr. F. Herles); IV. detska klinika fakulty
vseobecneho lekarstvi University Karlovych v Praze (prednosta:
prof. dr. F. Herles); IV. detska klinika fakulty vseobecneho
lekarstvi University Karlovych v Praze (prednosta: prof. dr.
F. Blazek) a I. detska klinika fakulty pediatricke University
Karlovych v Praze (prednosta: prof. dr. J. Svejcar).

HLAVATY, V.; BLEKTA, M.; CHYTIL, M.; BENDL, J.; VALNICEK, J.; BENDOVA, L.

Changes in the blood volume during pregnancy and in late gestoses investigated with the aid of I-131 HSA and Cr51 labeled erythrocytes. Sborn. lèk. 67 no.8/9:240-247 Ag '65.

1. Biofyzikalni ustav (prednosta doc. dr. Z. Dienstbier, DrSc),
II. gynekologicko-prord. klinika (prednosta prof. dr. J. Lukas,
DrSc.) a II. interni klinika (prednosta prof. dr. F. Herles,
DrSc.) fakulty všeobecného lekarství University Karlovy v Praze.

HLAVATY, V.; BLEKTA, M.; TRNKOVA, M.; CHYTIL, M.; BENDL, J.; VALNICEK, J.;
BENDOVA, L.

Some new information on changes in the volume of circulatory
plasma and blood proteins during physiological pregnancy and
late gestation. Cas. lek. Cesk. 104 no. 51:1405 17 D '65.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. Z. Dienstbier, DrSc.),
II. gynekologicko-porodnicka klinika fakulty vseobecneho
lekarstvi Karlovy University v Praze (prednosta prof. dr.
J. Lukas, DrSc.), Statni ustav pro kontrolu leciv v Praze a
II. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. F. Herles, DrSc.).

BLEKTA,M.; BAKOS,K.; HLAVATY,V.; ANDRYSEK,O.; TRNKOVA,M.; BENDL,J.;
VALNICEK,S.; CHYTIL,M.; BENDOVA,L.

Isotope examination methods in obstetrics. Isotope nephrography, measurement of the blood volume with I-131, serum albumin level test with the use of erythrocytes labeled with Cr-51. Cesk. gynek. 30 no.1:122-127 Mr'65.

1. II. gyn.-por. klinika; Biofyzikalni ustav; II.interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze; Statni ustav pro kontrolu leciv v Praze.

VAKHTEGEYM, Yu. [Vachtenheim, J.]; VALENTICEK, S. [Valnicek, S.];
SVOITKA, M. [Svojtka, M.]; Prinimala uchastiyu: KOURILOVA, Z.

Specificity of LE cells. Vop.revm. 1 no.3:21-25 J1-S '61.
(MIRA 16:4)

1. Iz Oblastnogo revmatologicheskogo tsentra (zav.
Yu.Vakhtengeym), terapeuticheskogo otdeleniya (zav. V.Shmid)
i Tsentral'noy laboratori (zav. M.Svoitka), oblastnoy
bol'nitsy (dir. L.Drlik) Iglavy, Chelhoslovatskaya Sotsialisti-
cheskaya Respublika.

(PATHOLOGY, CELLULAR) (ARTHRITIS, RHEUMATOID)
(LUPUS ERYTHEMATOSUS)

BLETKA, M., Praha 2, Apolinarska 18; BENDL, J.; VAINICEK, S.; CHYTIL, M.

Hypertension in pregnancy. Cesk. gynek. 30 no.9:648-653 N '65.

1. II. gyn.-por. klin. (prednosta prof. dr. J. Lukas, DrSc.) a
II. inter. klin. (prednosta prof. dr. F. Herles, DrSc.) fakulty
vseobecneho lekarstvi Karlovy University v Praze.

BAKOS, K.; ANDRYSEK, O.; ANDRYSKOVA, J.; BLEKTA, M.; BENDL, J.;
VALNICEK, S.; CHYTIL, M.

Isotope nephrography in pregnancy and in late toxemia.
Cas. lek. cesk. 104 no.27/28:745-748 9 Jl '65.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta doc. dr. Z. Dienstbier, DrSc.),
II. porod.-gynekol. klinika fakulty vseobecneho lekarstvi
Karlov University v Praze (prednosta prof. dr. J. Lukas, DrSc.)
a II. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. F. Herles, DrSc.).

CZECHOSLOVAKIA

HLAVATY, V., BENDOVA, L., BLEKTA, M., BENDL, J., VALNICEK, S., TRNKOVA, M., CRYTIL, M; Biophysical Institute, Faculty of General Medicine, Charles University, 2nd. Gynecological Clinic, Faculty of General Medicine, Charles University; State Institute for Drug Control; 2nd. Internal Clinic, Faculty of Gen. Medicine, Charles University (Biofysikalni Ustav Fak. Vseob. Lek. KU; II. Porodnicka Gynekologicka Klinika Fak. Vseob. Lek. KU; Statni Ustav pro Kontrolu Leciv; II. Interni Klinika Fak. Vseob. Lek KU) Prague.

"Changes in the Volume of Circulating Blood During Physiological Pregnancy and in Late Gestosis."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 93-94

Abstract: The amount of circulating blood and plasma starts increasing in the 9th. week of pregnancy and reaches a maximum in the 2nd. trimester; at the end of pregnancy the volume of plasma decreases. In late gestosis the volume of circulating blood and plasma begin to decrease as early as the 2nd. trimester. No references. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

CZECHOSLOVAKIA

(5)

HLAVATY, V., BENDOVÁ, L., BLEKTA, M., BENDL, J., VALMICEK, S., TRNKOVA, M., CHYTIL, M.; Biophysical Institute, Faculty of General Medicine, Charles University, 2nd. Gynecological Clinic, Faculty of General Medicine, Charles University; State Institute for Drug Control: 2nd. Internal Clinic, Faculty of Gen. Medicine Charles University (Biofysikalni Ustav Fak. Vseob. Lek. KU; II. Porodnicko-Gynekologicka Klinika Fak. Vseob. Lek KU; Statni Ustav pro Kontrolu Leciv; II. Interni Klinika Fak. Vseob. Lek KU), Prague.

"Changes in the Total Amounts of Serum Proteins and Their Fractions During Physiological Pregnancy and Late Gestation."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 94

Abstract: During normal pregnancy the concentration of blood proteins and albumin decreases, concentration of globulin and the total amount of serum protein increase; the amount of albumin reaches a peak in the 2nd trimester and reverts to pre-pregnancy levels. In late gestation the decrease in proteins and albumins is greater; globulins do not increase. No references. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

1/1

- 141 -

VALNICEK, Vladimir

Angioleiomyoma of the small intestine as a cause of severe melena.
Rozhl. chir. 38 no.12:848-880 D '59

1. Chirurgicke oddeleni nemocnice v Marianskych Laznich, prednosta
MUDr. J. Kropac.

(MELENA, etiol.)
(LEIOMYOMA, comm.)
(INTESTINE SMALL neopl.)

VALNICEK, Vladimir

A simple laryngoscopic spoon. Rozhl. chir. 41 no.8:568-569 Ag '62.

1. Chirurgicke oddeleni nemocnice s poliklinikou v Mar. Laznich,
prednosta MUDr. J. Kropac.
(LARYNGOSCOPY)

DUBA, J.; VAINICKOVA, T.

Electroencephalographic findings in psychiatry: delinquents. Activ.
nerv. sup. (Prague) 6 no. 3:265-279 '64.

2. Psychiatricka larebna v Praze 8.

DUBA, J.; VAINICKOVA, T.

Simultaneous EEG, GSR and heart rate recording in psychiatric patients. Activ. nerv. sup. (Praha) 7 no.2:188 '65

1. Psychiatric Hospital, Praha 8, Bohnice.

L 12941-66

ACC NR: AP6005677

SOURCE CODE: CZ/0079/65/007/002/0188/0188

AUTHOR: Duba, J.; Valnickova, T.

ORG: Psychiatric Hospital, Prague

TITLE: Simultaneous EEG, GSR and heart rate recording in psychiatric patients
[This paper was presented at the Third Interdisciplinary Conference on Experimental
and Clinical Study of Higher Nervous Functions held in Marianske Lazne from
19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 188

TOPIC TAGS: psychiatry, EEG, psychoneurotic disorder

ABSTRACT: Suitability of polygraphic recording for differential diagnosis in clinical psychiatry was investigated in 408 patients. Intensity of GSR to second signal stimuli was smaller than to first signal stimuli. Exceptions were patients with epilepsy and schizophrenia. GSR response to second signal stimuli was longer only in schizophrenics. GSR potentials, time characteristics, and pulse rate varied in schizophrenics, psychopaths and in neurotics. Where GSR after first and second signal stimuli did not change, serious EEG abnormalities and clinical findings of an organic type were present. [JPS]

SUB CODE: 06, 05 / SUBM DATE: none

Card 1/1 Hw

Val'nit'skiy, M.K.

VAL'NITSKIY, M.K.

New variable. Astron.tsir. no.161:16 J1'55. (MIRA 8:12)

1. L'vovskaya Astronomicheskaya observatoriya
(Stars, Variable)

VAL'NITSKIY, M.K.

An uninvestigated variable star. Astron.tsir. no.186:17-18 N '57.
(MIRA 11:4)

1. Lvovskaya astronomicheskaya observatoriya.
(Stars, Variable)

VALNOHA, L.

Permanent Exhibit of Soviet Machinery in motion pictures. p. (2) of cover.
MECHANISACE ZEMEDELSTVI. (Ministerstvo zemodelstvi) Praha
Vol. 5, no. 16, Aug. 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

VALNOHA, L.

Cooperation of research workers with the machine-tractor station centers. p.323

MECHANISACE ZEMEDELSTVI. (Minsterstvo zemedelstvi) Praha

Vol. 5, no. 17, Sept. 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

VALNOHA, L.

"One way in the machine-tractor station, another way in the Ingstav Factory, or
Adventures of a suggestion for improvement."

MECHANISACE ZEMEDELSTVI, Praha, Czechoslovakia, Vol. 5, No. 21, November 1955.

Monthly List of East European Accessions (HEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

VALNOHA, L.

Feed mixer and sow tender. p. 212.
MECHANISACE ZEMEDELSTVI. (Ministerstvo zemedelstvi)
Praha.
Vol. 6, no.11, June 1956.

SOURCE: EEAL LC Vol. 5, No. 10, Oct. 1956

VALNCHA, L.

VALNCHA, L. New types of agricultural machines at the 1956 Exhibit of Technical
Novelties. p. (2) cf cover.

Vol. 6, No. 16, Apr. 1956.
MECHANISACE ZEMELLSIVI.
ACRICULTURE
Praga, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

VALNOHA, L.

VALNODA, L. Electric testing apparatus for motor vehicles and voltage in networks carrying up to 500V. p. (4) of cover.

Vol. no. 1, Jan. 1957
MACHANISACE ZEMEDELSTVI
AGRICULTURE
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

VALHOHA, L.

VALHOHA, L. Is care for your tires equal to their value? p. 52.

Vol. 7, no. 3, Feb. 1957

MACHANISACE ZEMEDELSTVI

AGRICULTURE

Czechoslovakia

See: East European Accession, Vol. 6, No. 5, May 1957

VALNOHA, L.

What is new in the mechanization of animal industry in the Kojetin area.
p. 233. (Mechanisace Zemedelstvi, Vol. 7, No. 10, May 1957, Praha,
Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

VALNEYEV, A.S.

Sov/6-59-6-21/22

2(2)-2(4)

None Given

Title: Chronicle (Ekonika)

Periodicals: Geodesiya i Kartografiya, 1959, Nr. 6, pp. 74-75 (USSR)

Abstract:

At the Mostovskoy Institute Inshchirov Geodesist, aerotriangulation and cartographic bureaus, the Ordinary Scientific Conference of the Institute of Geodesy, Aerial Survey and Cartographic Engineers, the Ordinary Institute of Geodesy, Aerial Survey and Cartographic Engineers, took place on April 22-24. A. I. Ivanov, Doctor, Candidate of Philosophic Sciences, spoke on The Outstanding Work of the Charnyov Materialistic Philosophy. A. N. Baranov, Chief of the Charnyov Aerovideometry Geodesist, I. Kartotekhnik (Main Administration of Geodesy and Cartography) spoke "On the Seven-year Plan for the Development of Photogrammetric and Cartographic Work". The following reports were delivered in the conference sections:

A. M. Koval'chenko, Professor, "Some Interests of the Surface Survey and Their Application to the Mechanism of Artificial Satellites of the Earth"; A. V. Kondratenko, "Doctoral Student in Surveying"; M. D. Baidar, Post-graduate Student, "Report on the Solution of Linear Systems for the Adjustment of Geodetic Networks"; V. M. Korshantsev, Doctoral Student, demonstrated an apparatus designed by him for leveling, which is operating with short constants vertical distance. The following reports were delivered in the aerophotogrammetric section:

A. V. Tikhonov, "An Apparatus for the Automatic Control of the Aerial Camera"; A. V. Vlasov, "A Method of Determining the Possibility of Generalizing the Formula for the Air Survey of Oceans and Atmosphere"; B. N. Rostovtsev and N. P. Kostylev, Doctoral Student, reported on a band-shape optical shutter for aerial cameras; I. A. Radionov on a stereoscopic collimator; B. N. Rostovtsev and N. P. Kostylev on the scheme of a dosimeter device for the automatic safety of the airplane into the route for air surveys. Ye. P. Arshamyan presented some simplifications for the computation of estimates of aerial cameras.

Post-graduate Student, spoke on the use of rapid film recording for the investigation of aerial cameras. V. I. Grishina, Engineer of the Geodesy and Cartography Bureau, spoke "On Some Results and Tasks in the Evolution of Large-scale Photocartographic Surveys". The following reports were delivered in the cartographic section: Professor L. S. Bilibin spoke on the construction of the new map on a scale of 1:1,500,000. Professor A. F. Prokhorovskiy spoke on Material Resources of the USSR and Their Representation on Economic Maps"; G. M. Sushanskaya, Assistant, reported on the method of geographic field researches during the preparatory editorial work at the object of cartography; A. S. Moshnikov, Assistant, reported on the improvement of rollfilm representation of wooded flat country on the topographic map on a scale of 1:10,000. Yu. S. Bilibin, Assistant, reported on maps of permanent buildings in the cities of the oblasts. In the section of building of appearance L. I. Moshnikov, Doctoral Student, spoke on the life of

Y. V. Kuklev, Assistant, reported on the life of reflection instruments. Professor G. S. Slobodkin, Doctoral Student, on the increase in accuracy in measuring physical quantities. Doctoral Student L. M. Matov on vertical aerial surveys for highly accurate cartographic data. Doctoral Student V. S. Usov, Assistant, on shooting with a scope with some plates.

P. P. Kukharov, Assistant, on the automatization of evaluation of line couples.

Card 2/4

Card 3/4

VALO, Anton

Products of the Zavody 29. augusta, National Enterprise, Partizanske. Tech praca 16 no. 1:79-80 Ja '64.

1. Zavody 29. augusta, Partizanske.

VALOCH, K.; MUSIL, R.

Loess in the Vyskov depression. p. 263.
(PRACE, Vol. 23, No. 6, 1956, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

VALOCH, K.

Paleolithic settlements of the period of leaf-shaped tops of implements in the hills bordering the Bobrava River valley. p. 5 (Biulleten astronomicheskikh institutov chekhoslovakil. Bulletin of the astronomical Institutes of Czechoslovakia, Praha. Vol. 41, 1956.)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

VALOCZI, L.

"The first railroads in Albania." p. 496. (Termeszet es Technika, Vol. 112, no. 8,
Aug 53, Budapest)

SO: Monthly List of East European Accessions, Vol 3 No 2 Library of Congress Feb 54 Unclassified

VALOCZI, L.

"Development of Air Traffic in the Soviet Union", P. 131, (KOZLEKEDESTUDOMANYI SZEMLE, Vol. 4, No. 4, Apr. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

VALOCZI, L.

Geographical aspects of the problem of atomic energy. p. 488. (Banaszati Lapok, Budapest, Vol 9, no. 9, Sept 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Unclassified

VALOCZI, Laszlo

VALOCZI, Laszlo - Godollo eghajlata. Budapest, Mezogazdasagi Kiado, 1955.
14 p. (Budapest, Magyar Agrartudomanyi Egyetem. Agrarkozgazdasagi Kar.
Agrarkozgazdasagi Kar kiadvanyai, 1. kot., 3 sz.) (Climate of Godollo. German
and Russian summaries. map, bibl.) Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 - April 1957

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858510010-2

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858510010-2"

VALOCZY, L.

25th anniversary of the Turksib Railroad and its economic importance,
p. 278, KOZLEKED ESTUDOMANYI SZEMLE, (Kozlekedesi Kiado) Budapest,
Vol. 5, No. 7/8, July/Aug. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

VALOCZI, L.

Use of aeronautics in agriculture and forestry in the Soviet Union and
people's democratic countries. p. 9. REFULES. Budapest. Vol. 8, No. 10,
May 1955

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

VALCCZI, L.

Czechoslovakia's railroad system. p.765.
KOZLEKEDESI KOZLONY, Budapest.
Hungary, Kozponti Szallitasi Tanacs.
Vol 11, no. 41, Oct. 1955.

SOURCES: EEAL - LC OCT. 1956 Vol 5 No 10

Valoczi, L.

Valoczi, L. Problems of raw material for atomic energy. p. 17. No. 16,
no. 2/1955. Institute of Physics, 1955. 11111111.

AUTHOR: Ferenc Valoczi. Institute of East European Accesories, (IEA), IC, VOL. 5,
No. 3, March, 1956

VALOCZI, L.

Turksib Railroad is twenty-five years old. p. 307. TERMESZET ES TARSADALOM.
(Tarsadalom- es Termeszettudomani Ismeretterjeszto Vallalat) Budapest. Vol.
114, no. 5, May 1955. From Lenin's legacy; Lenin's guidance for workers in
cultural propaganda work. p. 257.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

VALOCZI, L.

VALOCZI, L. Developments in Poland's agriculture. (To be contd.) P. 423.

Vol. 8, No. 9, Sept. 1956

AGRARIUDOMANY

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 2, Feb. 1957

VALOZZI, L.

Foldrajz I. kötet: Altalános földrajz (Geographia, Vol. I. General Geography) a review

P. 124 (FOLDRAJZI MÉTÉZET) Vol. 6, no. 1. 1957
Budapest, Hungary

SC: Monthly Index of East European Accessions (EEA+) IC. Vol. 7, No. 3
March 1956

VALCCZI, L.

Magyarorszag - Itinerariu (Hungary: An Itinerary)

P. 126 (FOLDRAJZI ERTESEITO) Vol. 6, No. 1, 1957
Budapest, Hungary

SC: Monthly Index of East European Accessions (SEAL) LC. Vol. 7, No. 5,
March 1958

VALOCZI, L.

Magyarorszagi autoutak terkepe (Map of Hungarian Highways); a book review.

P. 253, (Foldrajzi Ertensito) Vol. 6, no. 2, 1957, Budapest, Hungary

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

VALOCZY, Elek

Labor protection activity of the Ozd Metallurgical Works and the
Trade union Committee. Munka 11 no.5:9-10 My '61.

1. Ozdi Kohászati Üzemek szb. titkara.

(Hungary--Metallurgical plants--Safety measures)
(Hungary--Trade unions)

VALOCZY, I.

"The spin."

p. 13 (Repules) No. 9, Dec. 1957
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

VALOCZY, I.

The turn and the moment for the opposite turn. p. 12. REPUBLIK. Budapest.
Vol. 9, No. 1, Jan. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

L 39107-66 IJF(1) IJF(m) IJF(j)/I IJF(c) RM
ACC NR: AP6030372 SOURCE CODE: UR/0428/66/000/001/0111/0115

AUTHOR: Valodz'ka, L. V.; Kamyak, A. I.; Sabila, K. V.; Sewchanka, A. N.;
Slyaptsov, L. Ye.

ORG: none

TITLE: Luminescence and vibrational spectra of potassium-uranyl-chloride

SOURCE: AN BSSR. Vestsi. Seryya fizika-matematychnykh navuk, no. 1, 1966, 111-115

TOPIC TAGS: luminescence spectrum, vibration spectrum, IR spectrum, Raman scattering, uranium compound

ABSTRACT: The infrared absorption spectrum of a $K_2UO_2Cl_4 \cdot 2H_2O$ monocrystal at room temperature was studied and compared with the luminescence spectrum at 77°K. The frequencies in the luminescence spectrum were analyzed, taking into account infrared absorption and Raman scattering of a saturated aqueous solution of potassium-uranyl-chloride. Four frequencies were determined from the latter which are attributed to different complexes existing in the solution. The vibrational frequencies of water containing coordinate bonds are discussed, and a structure is proposed for the complex. Orig. art. has: 2 figures and 1 table. [JPRS: 35,668]

SUB CODE: 07, 20 / SUBM DATE: 16Oct65 / ORIG REF: 007 / OTH REF: 005

Card 1/1 *10/18 10/95*

VALODZIN, V.

Elizaveta Irmalaeva is the first, Rab, 1 sial, 34 no.1:21 Ja '58,
(Sprinting) (Sports for women) (MIRA 11:1)

S/081/61/000/021/008/094
B102/B138

AUTHORS: Valodz'ka, L. V., Umreyka, D. S.

TITLE: Influence of secondary processes on the luminescence of uranium glass

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 28, abstract 21B230 (Izv. AN BSSR. Ser. fiz.-tekhn. n., no. 1, 1961, 75 - 81)

TEXT: It has been found that the secondary luminescence of uranyl compounds can be determined experimentally at room temperature. The intensity of the secondary luminescence of uranium glass and of an aqueous solution of uranyl nitrate was studied in dependence on the position of the luminescent layer (from the depth of excitation). Experimental and theoretical results are compared. [Abstracter's note: Complete translation.]

Card 1/1

present time, which was carried out on carbonaceous shale, the latter being the only industrial conditions. The

THE BOSTONIAN

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The effects of ...

$$C_1 = a_1 + a_2 C_2 + C_3$$

where C_1 , C_2 are coefficients depending on temperature; a_1 , a_2 , C_3 ,
 C_4 are coefficients independent of the problem. C_1 is the intercept
 C_2 is the slope of the curve. a_1 and a_2 are located in 10^{-3} inches.

VALOSEK, Gealav

Discovery of stalactite halite in the mines of Ostrava-Karvina
coal basin. Prir cas slezsky 22 no.4:511-512 '61.

INDYCHENKO, N.I.; ZYABLITSEV, I.V.; TIMOSHENKO, N.M.; BATSENKO, N.P.;
VIZHLYAK, V.G.; CHALYUK, S.M.; VALOSHINA, G.G.

Popular textbook on electric centralization ("Electric centralization of switches and signals" by A.A. Kazakov. Reviewed by N.I. Indychenko and others). Avtom., telem. i sviaz' 2 no.7:48 Jl '58.
(MIRA 11:6)

1; Rabotniki Kiyevskoy distantsii signalizatsii i svyazi Yugo-Zapadnoy dorogi.

(Railroads—Signaling—Block system)
(Kazakov, A.A.)

6/14/2001/ND, G.G.
INDYCHENKO, N.I.; ZYABLITSEV, I.V.; TIMOSHENKO, N.M.; BATSENKO, N.P.;
VIZHLYAK, V.G.; CHALIUK, S.M.; VALOSHINA, G.G.

Popular textbook on electric centralization ("Electric centralization of switches and signals" by A.A. Kazakov. Reviewed by N.I. Indychenko and others). Avtom., telem. i sviaz' 2 no.7:48 J1 '58.
(MIRA 11:6)

1. Rabotniki Kiyevskoy distantsii signalizatsii i svyazi Yugo-Zapadnoy dorogi.

(Railroads—Signalizing—Block system)
(Kazakov, A.A.)

VALOSHYN, I.I., kandydat tekhnichnykh naук.

Calculation concerning partial capacities of multiple-wire systems
with the help of indexes of a higher degree. Vestsi AN BSSR no.1:
122-131 Ja-F '54. (MIR 8:1)
(Electric cables)

"APPROVED FOR RELEASE: 08/31/2001

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CIA-RDP86-00513R001858510010-2"

VALOUCH, L. ; KOLAR, Z.

AGRICULTURE

PERIODICAL: ZEMEDELSKE STORJE, VOL. 3, no. 12, Dec. 1958

Valouch, L. ; Kolar, Z. Experiences with our machines for threshing chopped grain. p. 284.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, no. 5, May 1959, Unclass.

VALOUCH, MILOSLAV.

Petimistne tabulky logaritmiske. Sest., cetylmi tabulkami matematickymi, fysikalnimi, astronomickymi a chemickymi doplnili Miloslav Valouch a Miloslav A. Valouch. (16. vyd.) Praha, Prirodovedecke vydavatelstvi, 1952, 190 p. (Five-digit logarithmic tables; with numerous mathematical, physical, astronomical, and chemical tables. 16th ed. index, tables)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

VALOUCH, Miloslav.

The inauguration of the Czechoslovak Academy of Sciences [in Russian and English]. Chekh.fiz.shmr. 3 no.1:19-28 Mr '53. (MLRA 7:6)
(Czechoslovak Academy of Sciences)

VALOUCH, M.

Professor Zdenek Matyas is dead; an obituary.

p. 5 (Meteorologické Zpravy) Vol 10, no 3 June 1957. Praha, Czechoslovakia.

SO: Monthly Index of East European Accessions (EEAI) LC, vol 7, no 1 Jan 1958

VALOUCH, MILOSKAV

Sedimimistne logaritmy cisel od 1 do 110,000 a goniometrickych funkei v sedesatinnem deleni. Sest. Miloslav Valouch a Miloslav A. Valouch. (3. vyd.) Praha, Nakl. Ceskoslovenske akademie ved, 1956. 487 p. (Seven-digit logarithms of numbers from 1 to 110,000 and of goniometric functions in sexagesimal division. 3d ed. chiefly tables)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no6, June 1957. Uncl.

VALOUCH, MIOSLAV

"Petimistne logaritmicke tabulky cisel a goniometrickych funkci s dalsimi matematickymi tabulkami a tabulky konstant fysikalnich, chemickych, astronomickych a jinych. 18.vyd. Praha, Nakl. Ceskoslovenske akademie ved, 1958. Five-digit logarithmic tables of numbers and goniometric functions with additional matematici tables and tables on physics, chemistry, astronomy, and other fields. 18th ed. index, chiefly tables."

p.229 (Praha, Czechoslovakia)

Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 8, August 1958.

VALOUCH, M.

AUTHORS: Bolek, M., Kratochvil, P and Valouch, M.
 TITLE: Filament and Band Substructure in Single Crystals of Zinc Prepared by the Method of Czechoslav Vyskocil
 a) Davková substrukturna monokrystalu zinku pripravene
 metodou Czechoslavka

PERIODICAL: Časopis pro fyziku, 1958, Br. 5,

PP 521-525 + 1 Plate (Czech)

ABSTRACT: The substructure in single crystals of zinc has been mainly studied in connection with the elucidation of the mechanism of growth. Very little is known about the influence of the substructure on the properties of the crystals. A crystal with filament-type substructure, commonly known as hexagonal, prismatic, cellular, etc. (Refs 1, 2, 3, 4), consists of usually hexagonal filaments running parallel to each other in the direction of growth from the melt. Such substructures have mainly been studied in metals grown by a modified Bridgeman method (Ref. 5). At low rates of growth, the filaments merge to form a band substructure. Bilek (Ref. 5) has observed filament substructure on single crystals of zinc and of cadmium grown by the method of Czechoslavka. In the present work some studies on substructures in single crystals of zinc are reported. These have been prepared in order to determine the influence of the conditions of growth on the plastic properties of the crystals. Two kinds of materials were used: a) 99.71% Zn with 0.16% Cd and 0.06% Cu; b) 99.997% Zn with 0.005% Cd, 0.005% Cu and 0.0005% Fe and Pb. The crystals were grown by the Czechoslavka method in an atmosphere of CO_2 (Ref. 3). The diameters of the crystals were about 1-2 mm. Samples about 100 mm long were grown at three different rates: 5, 10 and 20 mm/min. The crystals were cut, polished normal to their axis, chemically polished (Ref. 11) and then etched. The crystals contained some impurities which were detected electrolytically in a 2% solution of HNO_3 with a current density of 0.75 amp/cm². The pure crystals were etched in a mixture of 50% H_2SO_4 with one part of ethyl alcohol. An etch pattern shows the filament substructure is shown in Fig. 1. Some of the observations were made on the surfaces of the crystals without etching.

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The diameters of the filaments of the substructure were measured and are plotted in Fig. 4 as functions of the temperature gradient at the interface between the melt and the crystal or several stages of growth. The diameters decrease with increasing rate of growth and with increasing temperature gradient. This result is in agreement with the results of Rutter and Chalmers (Ref. 2), on crystals of tin grown by the Bridgeman method. Some probable effect of the orientation of the crystals was detected but no definite measurements were made (see also Ref. 7). The crystals of lower purity usually showed mainly filament substructure. At the growth-rate of 5 mm/min and a small temperature gradient ($G = 5^\circ/\text{cm}$), a transition between cellular and band substructure was observed (Fig. 6). The band substructure was found in crystals of high purity, which are at the fastest growth-rate and with temperature gradients up to $50^\circ/\text{cm}$ shown only this type of substructure. The width of the bands again decreased with increasing temperature gradient and growth-rate. The influence of the orientation of the crystals was here more pronounced. The transition between the two types of substructure was also dependent on the orientation of the crystal. A short explanation of the formation of the substructures in terms of the theory developed by Rutter and Chalmers is given. There are 8 figures and 11 references, 9 of which are

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The cellular substructure of zinc monocrystals prepared
by the Czochralski method. Michal Bocek, Petr Kratoch-
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pendence of the cell size and appearance of cellular substructure
on the growth rate and the temp. gradient was studied.
The results agree with those obtained by the Bridgman
method (Chalmers, C.A. 47, 5240a; 50, 117593). The
orientation of monocrystals dets. the degree of elongation of
cells. A hypothesis on the mechanism of production of
elongated cells is proposed. The impurity diffusion during
crystal growth is discussed. A. Krenheller.

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AUTHORS: Valoukh, M., Borovskiy, I. B.

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TITLE: The Distribution of an Impurity in a Single Crystal of Metallic Zinc of Honeycomb Substructure (Raspredeleniye primesi v monokristalle metallicheskogo tsinka s sotovoy substrukturey)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 3, pp 490-491 (USSR)

ABSTRACT: The authors first discuss in short some previous papers on this subject. The present paper investigates the distribution of an impurity (copper) over the elements of the substructure of a zinc single crystal. This single crystal with an impurity content of 0.7% copper was bred according to the method of Chokral'skiy. The amount of the impurities of the other elements was less than 0.01%. The cylindrical single crystal was polished perpendicularly to its axis. The fibrous honeycomb structure was detected after chemical polishing. The distribution of copper over the substructure elements of the zinc single crystal was investigated by the X-ray-spectral method for the investigation of the chemical composition in the microvolumina of alloys by means of the apparatus RS&Sh-2. A figure shows the concentration curves for

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